

591.PEM6304**SWITCH DISCONNECTOR**

63A 3/4P IP66 250x255x120mm II
2GD EMERGENCY YELLOW/RED GW
960°C



* Product image may be indicative



EN 60079-31 (2014)
IEC 60079-0 (2017)
EN 60079-7 (2015)
IEC 60079-31 (2013)
EN IEC 60079-7/A1 (2018)
IEC 60079-7 (2017)
EN 60079-1 (2014)
IEC 60079-1 (2014)
EN 60947-1/A1 (2011)
EN 60947-3/A2 (2015)
EN 60947-1 (2007)
EN 60947-3/A1 (2012)
EN 60947-1/A2 (2014)
EN 60947-3 (2009)
EN IEC 60079-0 (2018)

ATEX directive 2014/34/EU

GENERAL CHARACTERISTICS

Commercial Series ISOLATORS-EX[GD] Series

Synthetical description SWITCH DISCONNECTOR

Description

The ISOLATORS-EX[GD] Series SWITCH DISCONNECTOR is engineered for demanding industrial environments, particularly those with potentially explosive atmospheres, as indicated by its ATEX certification (II 2GD). This emergency switch disconnecter is designed for surface mounting and is available in a 3/4 pole configuration, supporting a rated current of 63A. It features a robust protection degree of IP66, ensuring resilience against dust and water ingress. Constructed from high-quality engineering plastic, it offers an impact resistance of 7J, enhancing its durability in harsh conditions. The device is enclosed and features a distinctive yellow/red color scheme for high visibility. The handle is padlockable in both the OFF (accommodating up to three padlocks) and ON (one padlock) positions, providing enhanced safety and security. This product is an integral component for professionals requiring reliable and secure electrical isolation in hazardous locations.

Type EMERGENCY

Mounting version SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	63A
Poles	3/4P
Rated insulation voltage (Ui)	690VAC
Current (Ie) in AC22A (690V)	63A
Current (Ie) in AC23A (500V)	63A
Current (Ie) in AC23A (690V)	63A
Current (Ie) in AC3 (500V)	50A
Terminals - Flexible wires	25mm ²
Terminals - Rigid wires	35mm ²

EX CHARACTERISTICS

Group and categories EX II 2GD

PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	ENGINEERING PLASTIC
Protection degree IP	IP66
Colour	YELLOW/RED
Cable entry	2xM50
Cable size	ø28-38,5mm
GLOW WIRE	GW 960°C
Impact resistance	7J
Padlock	ø6mm
Ambient temperature Ta min	-35 °C
Ambient temperature Ta max	50 °C
Terminals tightening torque	2,5Nm

DIMENSIONAL CHARACTERISTICS

Dimensions 250x255x120mm

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Technical drawing [PDF]

Technical drawing [STP]
Technical drawing [DWG]
Instruction manual
Instruction manual

■ OPTIONS & VARIOUS NOTES

Catalogue notes	Handle padlockable in OFF (3 padlocks) and ON (1 padlock) position
	ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.
